



Presentation for the

IOWA LEGISLATORS

**Sub-committee for Infrastructure,
Appropriations and Capital**

by
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06 February 2001

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CIVIL AIR PATROL

THE UNITED STATES AIR FORCE AUXILIARY




Where
Imagination
takes FLIGHT

- The official United States Air Force Auxiliary by Public Law 557
- Originally organized in 1941
- Non-profit corporation [501 (c) 3]
- Headquarters at Maxwell Air Force Base, Alabama
- Strictly voluntary
- 60,000 members across the nation
 - 530 aircraft
 - 1200 vehicles
- Three Air Force assigned tasks
 - Emergency Services
 - Aerospace Education
 - Cadet Programs
- Performs 85-90% of the inland Search & RESCUE missions for the Air Force
- Provides services for many Iowa agencies, local governments, law enforcement and communities
- Involved in various Counter Drug programs
- Extensive communications network
- Real time aerial video imaging capabilities



- Public Law 557 permanently established CAP as the Auxiliary of the new U.S. Air Force in 1948.
- General Carl "Tooe" Spaatz, first USAF Chief of Staff, was Chairman of the CAP Board from 1948 - 1959




Birth of Civil Air Patrol

1 December 1941

Minutemen of World War II

- Coastal Patrol:
 - Flew half a million hours/24 million miles
 - Found 173 German subs; attacked 57; destroyed two
- Target towing
- Courier service
- Liaison and cargo flights
- Air search and rescue

64 lives lost



Post World War II

- Public Law 476 incorporated CAP as a benevolent, nonprofit organization in 1946.
- Three primary missions
 - Aerospace Education
 - Emergency Services
 - Cadet Programs
- Public Law 557 permanently established CAP as the Auxiliary of the new U.S. Air Force in 1948.
- General Carl "Tooe" Spaatz, first USAF Chief of Staff, was Chairman of the CAP Board from 1948 - 1959



Aerospace Education

Internal Program: Insure that all CAP members have an appreciation for and knowledge of aerospace issues. Aimed at professional development for members.

External Program: Designed to stimulate public interest in aerospace issues - especially within the school systems.



Value to the Air Force

- New cooperative agreement recognizes the value of CAP's aerospace education program.
- Hundreds of thousands of youth exposed to aerospace themes through the cadet program and America's classrooms, K - college.
- Introduces aviation and space career tracks to youth as early as grade school.
- Advocate for air and space education in communities throughout the nation.



Emergency Services

- Search and rescue (SAR)
- Disaster relief (DR)
- Counterdrug operations (CD)
- Drug demand reduction (DDR)
- Live Organ Transport
- Orientation flights for AF ROTC
- Large, professional Chaplain service



SAR/DR MISSIONS

- Search and rescue • Last 5 years
 - 12,131 Missions
 - 135,638 Hours (Training and Actual)
 - 477 Lives saved
- Disaster relief
 - Air and ground transport
 - Extensive communications network
 - Damage-assessment
 - Transport medical supplies



Support Missions

- Counterdrug Operations
 - More than 300,000 flying hours since program started in 1986
 - 5,000 CAP volunteers trained to participate in CD
 - According to CAP's customers, more than \$2 billion of illegal drugs are eradicated each year through CAP assistance
- Drug Demand Reduction
 - Active program in 42 CAP wings
 - The anti-drug message touched more than 500,000 youth in 1999
- Live Organ Transport
 - More than 500 missions since 1983





Value to the Air Force

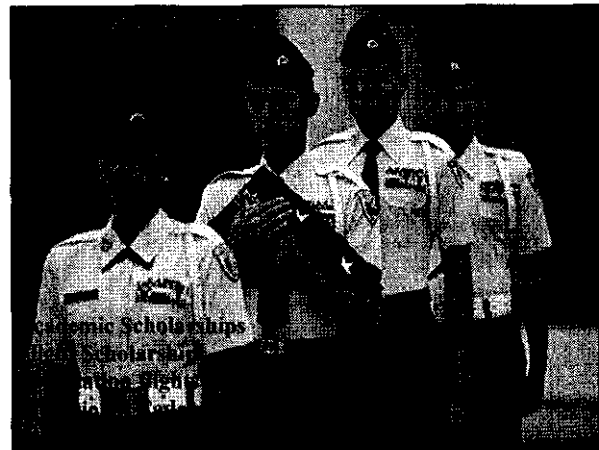
- Air search and rescue on USAF directed missions
- Light transport
- Communications support
- Low-altitude route surveys
- Damage assessment
- Provides Air Force presence in hundreds of communities where no AF presence exists.

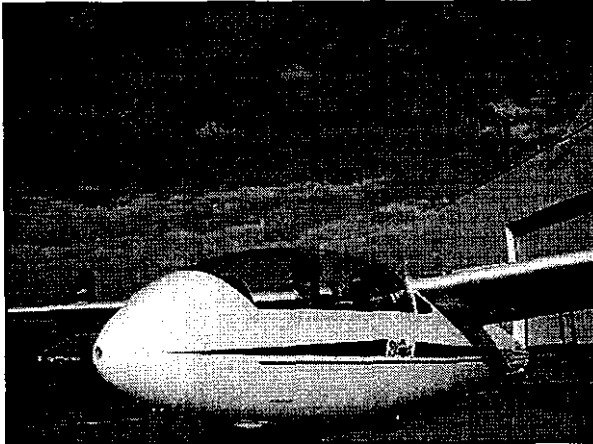


Cadet Programs

Five Pillars of the Program

Leadership Skills
Aerospace Education
Physical Training
Planned Activities
Moral Leadership





OUR FUTURE

Increased value to:

The United States Air Force
The Nation
Our States
Our Communities

Value to the Air Force

- Early awareness of importance of the nation's aviation and space industry.
- Instills basic values (AF core values).
- Recruiting for armed forces, particularly USAF.
- Recruiting for aerospace industry.
- Promotes academic achievement.
- Provides early sensitivity to International relations and regional diversity.
- Knowledge of basic military skills: Customs, courtesies, and

VALUE

Strategic Plan Principles

• Professionalism	• Growth
• Volunteerism	• Enjoyment
*Accountability	• Service



IOWA WING HEADQUARTERS
CIVIL AIR PATROL
United States Air Force Auxiliary
P.O.Box 199, Anamosa, IA 52205

JANUARY 2001

The Civil Air patrol is the **official** U.S. Air Force Auxiliary. A volunteer organization serving the State, **City** and local government and communities since 1941.

IOWA WING INFORMATION & PARTICIPATION FOR FY 00

MEMBERSHIP

- . Approximately 350 total members
- 170 Senior (adult) Officers
- **120** Cadets (youth, 12 – 21 years old)
- 30 Parent sponsor, patron and business members
- 30 ROTC student members

CURRENT ASSETS

- 8 Corporate **Aircraft**
- 12 Corporate Vehicles

MANHOURS OF INVOLVEMENT

- . 350 members, @ 50% participation, **4hrs** /week (low/ **conservative** estimate)
- = **36,400 hours** of volunteer time donated in Iowa last year

COST PAID BY VOLUNTEERS

- . Annual dues
- Uniforms
- Travel expenditures and meals
- . Equipment (handheld radios, GPS, Field packs, First Aid supplies, etc.)
- Estimating (conservatively) \$1000 / yr. / member
- = **\$350,000.00 per year paid out of pocket** for related and incidental expenses

COST OF MANHOURS

- . Coopers & Lybrand Overhead Cost Benchmark Study indicated a compensation rate of advanced trained personnel if hired or contracted to be \$29.89 / hr (in 1998)
- . Using the aforementioned @ 50% personnel utilization and the accepted 4 hr / wk average, current involvement relates to an equivalent of **\$1,092,000.00** for FY00

STATE FUNDING

- . Funds received by Iowa Wing CAP from the State of Iowa FY00 = **\$25,000.00**
- Ratio of CAP Member out-of-pocket contribution to State funding is \$14 to \$1
- . Ratio of Member hourly dollar value contribution to State funding is **\$44 to \$1**

TOTAL FUNDING

- . Final expenditures for IA CAP per FY00 tax return = **\$126,500.00**
- Request for funding in FY02 = **\$ 35,000.00** (see page 3 for comparison)
- Iowa support at this rate = 27% (see attached budget proposal)

**IOWA WING HEADQUARTERS
CIVIL AIR PATROL - U.S. AIR FORCE AUXILIARY**

INVOLVEMENT

- 12 Actual Air Force Assigned Missions, including
- AFNSEP - flood assistance
- Red Cross - disaster relief
- Variety of other electronic searches and overdue aircraft
- Missing persons
- 9 state-wide search and rescue training missions

OTHER MISSION SUPPORT

- DNR -catfish tracking on the Mississippi River
- Direct support and training missions with the Coast Guard Auxiliary
- Radiation monitoring through FEMA
- Contaminated sample transport for FEMA
- Flylowa flightline support and security
- Significant support to several other **airshows** including Quad Cities
- ROTC and CAP cadet orientation flights
- Medical transport flights for lifesaving / transplant

CURRENT OPERATING MOU's

2000 - Iowa State Emergency Management

1998 - Department of Natural Resources


1997 - National Red Cross Agreement

Continuing National MOU with United States Air Force

COUNTER DRUG ACTIVITIES

- 360 flight hours in FY00
- marijuana spotting for eradication
- assistance / reconnaissance to law enforcement agencies
- transport of government officials and law enforcement **officers**
- FAA airport photo survey
- Dog transport - missions and training
- Arson
- Bomb
- Drug
- Drug Demand Reduction programs for cadets and adults
- Video imaging capabilities (photo transmission while in flight)

CAP maintains the largest fleet (530) of single engine aircraft in the United States. There are over 60,000 volunteer members across America.


**REX GLASGOW, COLONEL, CAP
WING COMMANDER**

IOWA WING HEADQUARTERS

Civil Air Patrol

Auxiliary of the United States Air Force

PO Box 199

Anamosa, IA 52205

APPROPRIATED FUNDS REQUEST

Listed below are the Iowa Wing Civil Air Patrol's unfunded needs for Fiscal Year 2002. These requirements are not reimbursed by the United States Air Force or the Civil Air Patrol Corporation.

Requirement Description	Cost Estimate	Estimated Total Cost for Item
Aircraft Hangar Rental	Rental at an average of \$145/mo for 8 aircraft x 12 months	\$13,920.00
Audit Fee	Effective FY 99/00 will implement OMB Circulars (A-110 and A-122). Estimated changes to approximately double audit cost. (Current fee approx. \$3,600.)	\$5,000.00
Salary	Part time administrative assistant 20 hr/wk x 52 weeks = 1040 hrs @ \$7.00 / hr	\$ 7,280.00
Aircraft Maintenance (8 aircraft)	Oil change with filter: 8 qts per 172 = 48 qts@ \$3 = \$144; 10 qts per 182 = 20 qts@ \$3 = \$60; 8 filters @ \$20 ea = \$160; changed 3 times/yr = \$364 x3 Oil Analysis Lights and other necessities	\$ 1,092.00 \$ 360.00 \$ 500.00
Static system check for IFR and transponder check	Performed every 2 yrs; \$75 / hr shop fee (3hrs involved) = \$225 4 aircraft to be checked each year on rotation basis	\$ 900.00
Minor vehicle maintenance for automobile fleet (12 vehicles)	Oil & filter changes, plugs, fuel filters, hoses, lights, etc. OSHA safety equipment includes blood borne pathogen kits, first aid kits, CPR masks, vehicle safety items (fire extinguishers and emergency reflective devices)	\$ 2,420.00 \$ 500.00
Communications for Wing HQ Office (Des Moines)	Pagers (6 primary staff officers and mission coordinators) Long Distance Service	\$ 600.00 \$ 840.00
Communications for Wing Commanders Office	Long Distance - Interstate Long Distance- Intrastate Long Distance - Fax	\$ 1,200.00 \$ 600.00 \$ 240.00
Postage Fees	Bulk Permit & Fees Postage Stamps/ Daily Post Office Box Rental	\$ 1,000.00 \$ 1,000.00 \$ 200.00

TOTAL UNFUNDED REQUIREMENTS

\$ 37,652.00

**IOWA WING HEADQUARTERS
CIVIL AIR PATROL – U.S. AIR FORCE AUXILIARY**

Many states receive local funding. This assistance is in addition to the National Civil Air Patrol and Air Force appropriations.

The **FY01** appropriations are as follows:

\$503,100	Alaska	Missouri **	\$ 47,672
\$ 61,500	Arizona	Nebraska **	\$ 35,000
\$ 70,800	Arkansas	Nevada	\$ 85,000
\$ 65,000	California	New Hampshire	\$ 62,000
\$ 181,846	Colorado	New Jersey	\$ 25,000
\$ 40,627	Connecticut	New Mexico	\$ 95,500
\$ 22,000	Delaware	North Carolina	\$125,645
\$ 55,000	Florida	North Dakota **	\$ 47,032
\$ 57,000	Georgia	Oklahoma	\$ 55,000
\$ 25,000	IOWA **	Pennsylvania	\$300,000
\$ 25,000	Kansas **	South Carolina	\$ 78,068
\$ 30,600	Kentucky	South Dakota **	\$ 23,464
\$ 95,000	Louisiana	Tennessee	\$ 168,042
\$ 25,000	Maine	Utah	\$ 75,000
\$ 38,700	Maryland	Vermont	\$ 25,000
\$ 22,500	Massachusetts	Virginia	\$ 100,000
\$ 65,000	Minnesota **	Wisconsin	\$ 19,000
\$ 50,000	Mississippi	West Virginia	\$ 86,952

Total State Appropriations = **\$ 2,887,048**

Average per State for North Central Region = \$38,310
(** 1 of 8 CAP geographical areas)

Average for each state receiving funding = **\$ 80,195**

Statistics from the 1999 Civil Air Patrol Annual Report to Congress

SPECIAL PROJECTS FOR FISCAL YEAR 2001

Requirement Description	Cost Estimate	Estimated Total Cost for Item
GARMIN GPS III Street Pilots for ground vehicles (12 vehicles)	\$380 for GPS & Software -- initial \$120 for software data base upgrades -- yearly If aircraft -- need 7 more	\$ 6,000.00 \$ 3,500.00
Vehicle Radios (12 vehicles) Tait -- only brand presently available	Narrow band compliant; \$500 / unit One time by 2004.	\$6,000.00
Headsets Dave Clark Brand	\$350/set x 3 per aircraft x 8 aircraft	\$ 8,400.00
Slow mode video camera (2 complete sets)	Camera -- any VCR camcorder = \$350; TVNCR for ROA/RF conversion = \$250; Power converter from 12V to camera = \$100 Note: CAP already possesses 2 sets of video modems	\$1,400.00



**CIVIL AIR PATROL
IOWA WING HEADQUARTERS
P.O. Box 199, Anamosa, IA 52205-0199**

IOWA WING CONTACT INFORMATION

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